In the claims:

1. In a data communication device operable in a communication system to communicate data pursuant to a packet communication service, an improvement of apparatus for embedding control information into individual packets of the data communicated pursuant to the communication service, said apparatus comprising:

a formatter adapted to receive indications representative of the data to be communicated pursuant to the packet communication service, said formatter for formatting the indications into the individual packets, each of at least selected ones of the individual packets formatted to include a control field that is populated with values that identify session control information, used in control of effectuation of the packet communication service.

2. The apparatus of claim 1 wherein the individual packets into which the control information is embedded comprise RTP-formatted packets, and wherein said formatter formats RTP-formatted packets to include the control field.

3. The apparatus of claim 2 wherein each of the selected ones of the RTP-formatted packets comprise a header part and a header extension part and wherein the control field is embodied at the header extension part.

4. The apparatus of claim 3 wherein each of the header parts of the RTP-formatted packets includes an indication field to indicate presence of the header extension part and wherein said formatter further populates the indication field to indicate the presence of the header extension part.

5. The apparatus of claim 3 wherein the header extension part comprises a first portion and at least a second portion, the first portion comprising the control field and wherein said formatter populates the first portion of the header extension part with values of the control information.

6. The apparatus of claim 3 wherein the control field is selectably populated with first values, the first values indicating remaining portions of the header extension part to be non-packet-communication-service, control-information related.

7. The apparatus of claim 3 wherein the control field is selectably populated with second values, the second values indicative of delay of communication of subsequent data packets communicated pursuant to the packet communication service.

8. The apparatus of claim 3 wherein the control field is selectably populated with third values, the third values indicative of termination of communication of subsequent data packets pursuant to the packet communication service.

9. The apparatus of claim 3 wherein the control field is selectably populated with fourth values, the fourth values indicating the data of the data packet associated therewith to be application-dependent.

10. The apparatus of claim 3 wherein the control field embodied at the header extension part includes a first section of a three-bit length.

11. The apparatus of claim 10 wherein the control field embodied at the header extension part further includes a second section of a seventeen-bit length.

12. The apparatus of claim 11 wherein the first section comprises an INFO field and wherein the section comprises a defined-by-profile field.

13. The apparatus of claim 11 wherein the first section and the second section are separated by at least a first bit forming a padding field.

14. The apparatus of claim 11 wherein the control field embodied at the header extension part further includes a third section, the third section populated with values when the first section is of selected values.

15. The apparatus of claim 1 wherein the packet communication service comprises a real time communication service and wherein the control field that said formatter formats each of the at least selected ones of the individual packets to include comprises pause information associated with subsequently-transmitted ones of the individual packets.

16. In a method of communicating in a data communication system having a data communication device for communicating data pursuant to a packet communication service, an improvement of a method for embedding control information into individual packets of the data pursuant to the packet communication service, said method comprising:

obtaining indications representative of the data to be communicated pursuant to the packet communication service; and

formatting the indications into the individual packets, each of at least selected ones of the individual packets formatted to include a control field that is populated with values that identify session control information used in control of the packet communication service.

17. The method of claim 16 wherein the individual packets into which the control information is formatted during said operation of formatting to include comprise RTP (Real Time Protocol) packets.

18. The method of claim 17 wherein each of the selected ones of the RTP-formatted packets comprise a header part and a header extension part and wherein the control information formatted during said operation of formatting is formatted into the header extension part.

19. The method of claim 16 wherein the packet communication service comprises a real time communication service and wherein the control field into which each of the at least the selected ones of the individual packets is formatted to include comprises pause information associated with subsequently transmitted ones of the individual packets.

20. The method of claim 16 further comprising the operations of:

sending the individual packets to a data receiving device;

detecting, at the data receiving device, the individual packets; and

extracting the control information therefrom.